

Title (en)  
DRILL

Title (de)  
BOHRER

Title (fr)  
FORET

Publication  
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Application  
**EP 17718073 A 20170419**

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Abstract (en)  
[origin: WO2017182487A1] The invention relates to a drill for the removal of mineral materials, comprising a drill head (2), a coil (3), an insertion end (4) and an impact surface (7) arranged successively on a longitudinal axis (6), with said impact surface being arranged on an end face of the insertion end (4) facing away from the drill head (2) for receiving impacts along an impact direction (8). Th drill head (2) has at least two cutting edges (13) and at leas two blades (20). The cutting edges (13) each have a cutting surface (16) and a free surface (17). The blades (20) run parallel to the longitudinal axis (6) and border the cutting edges (13). The blades (20) each have a radially protruding peak (24), which borders the cutting surface (16) and does not or only partially borders the free surface (17). An axial dimension (29) of the peak (24) is less than an axial dimension (25) of the blade (20).

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Citation (search report)  
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